

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Attorney Docket No. 029623/0129

In re patent application of
Brian R. BULLARD et al.

Serial No. 09 158,982

Group Art Unit: 1631

Filed: September 23, 1998

Examiner: A. Marschel

For: COMPUTER METHODS AND SYSTEMS FOR ANALYZING AND DISPLAYING
INFORMATION RELATING TO GENE EXPRESSION



AMENDMENT AND REPLY UNDER 37 C.F.R. § 1.56

Commissioner for Patents
Washington, D.C. 20231
BOX AF

Sir:

In reply to the Office Action mailed August 30, 2000, please amend the above-identified application as follows:

IN THE CLAIMS:

Please cancel claim 4 without prejudice or disclaimer.

Please amend the claims as follows:

1. (Twice Amended) A method in a computer system for analyzing and displaying data on gene expression in a molecular topography, comprising:

(a) generating a gene expression profile of a plurality of gene-expression indicating polynucleotides including for each of the polynucleotides:

- (i) a first value for a first polynucleotide characteristic,
- (ii) a second value for a second polynucleotide-characteristic different from said first characteristic, and
- (iii) a third value that is a measure of the quantity of the polynucleotide;